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Title :

Manufacturing method for welded goods e.g. links used for e.g. motor vehicle - involves welding two members to form material which is then cut

Derwent Classes :

P56 Q12

Patent Assignee :

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B60G-007/00 B23P-013/00

Abstract :

JP11099415 A

NOVELTY - A material (5,7) consisting of two previously welded members is cut.

USE - For welded goods e.g. links used for e.g. motor vehicle.

ADVANTAGE - Productivity is good since welding and cutting can be done separately. Quality is satisfactory. Preheating before welding is unnecessary. Cutting work is simplified. Can contribute to weight reduction of welded goods. DESCRIPTION OF DRAWING(S) - The drawing shows the isometric view of the sequential steps involved in the manufacture of a link. (5,7) Material. (Dwg.3/11)

Update Basic :

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- PN - JP11099415 A 19990413
- TI - MANUFACTURE FOR WELDED ARTICLE AND LINK MEMBER
- AB - PROBLEM TO BE SOLVED: To produce a welded article such as a link member or the like with good productivity and form a welded part of quality, which is free of defect by previously continuously welding raw materials which are formed as first and second members by slice cutting before slice cutting, and then slice cutting the raw materials.
- SOLUTION: Raw materials 5, 6 for end members are fitted to the respective side edge parts of a raw material 7 for an intermediate member, and three raw materials 5, 6, 7 are combined in the parallel condition in the same extrusion axial direction. At this time, the side edge parts of the raw material 7 for the intermediate member are fitted into the fitting recessed parts of the raw materials 5, 6 for the end member to be temporarily stopped in the proper assembling condition. Subsequently, at need, the raw materials are fixed by a jig and the boundary parts among the raw materials 5, 6, 7 are continuously welded linearly from one end part to the other end part in the longitudinal direction, and the raw materials 5, 6, 7 are joined to each other to be united in a body. After that, the joined raw materials 5, 6, 7 are collectively cut sequentially to a required thickness within a plane intersecting perpendicularly to the welding direction from one end to the other end to obtain a link member 1.
- I - B23P13/00
- SI - B60G7/00
- PA - UNIPRES CORP;SHOWA ALUM CORP
- IN - IDE TAKANOBU;SATO SHOICHI;IWAMEJI NORIYUKI
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最終頁に続く

(54) 【発明の名称】 溶接品の製造方法及びリンク材

(57) 【要約】

【課題】 リンク材のような溶接品を生産性良く製造していくことができ、また、欠陥のない品質良好な溶接部を形成することができる溶接品の製造方法を提供する。

【解決手段】 スライス切断されて接合品構成部材2～4となる複数のアルミニウム製押出型材による素材5～7をスライス切断前に予め互いに溶接し、しかる後、この溶接された素材5～7をスライス切断していく。

